

**CRYSTALLIZATION AND STRUCTURE DETERMINATION OF
STAPHYLOCOCCUS AUREUS THYMIDYLATE KINASE**

ABSTRACT

An unliganded form of *Staphylococcus aureus* thymidylate kinase (*S. aureus* TMK) has been crystallized, and the three dimensional x-ray crystal structure has been solved to 2.3 Å resolution. The x-ray crystal structure is useful for solving the structure of other molecules or molecular complexes, and designing inhibitors of *S. aureus* TMK activity.

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